

AMP POWER TAP

TE Internal #: 5213816-1

Power Terminals, Power Tap, Printed Circuit Board, 6 Positions, 20A
Contact Current Rating (Max), 2.54mm [.1in] Centerline, Wire-to-
Board, Power

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Terminals & Splices > Power Terminals



Terminal & Splice Type: **Power Tap**
Product Terminates To: **Printed Circuit Board**
Number of Positions: **6**
Contact Current Rating (Max): **20 A**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Insulated	No

Configuration Features

Number of Positions	6
PCB Mount Orientation	Vertical

Body Features

Terminal Profile	Standard
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Terminal & Splice Type	Power Tap
Contact Current Rating (Max)	20 A



Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Base Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Method to Wire & Cable	Tap Screw
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Screw Size	M4
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Overall Terminal Length	10.96 mm[.431 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Carton
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211)



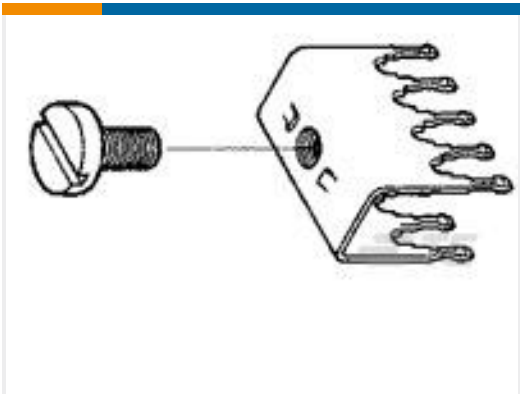
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1-5055558-1
10 PWR TAP CONT PLTD MTR .100



TE Part # 5213815-1
Power Tap HC 4P Conn w M4 Screw

Customers Also Bought



TE Part #1-1735447-3
AMP HPI 2.0MM RECEPTACLE HOUSINGS



TE Part #1-1879217-1
CPF 0603 360K 0.1% 25PPM 1K RL



TE Part #1-640445-1
11P MTA156 HDR ASSY FL/STR SN



TE Part #1-34070-1
PG BUTT SPLC 22-16COMM22-18MIL



TE Part #1-216093-6
AMP-LATCH PRE-ASSY DIL WITHO

TE Part #103240-5
10 MODII HDR DRST B/A .100CL

TE Part #103783-1
02 MODII HDR DRST B/A .100CL

TE Part #1-1622825-9
Thick Film Resistor: Current Sense

TE Part #103783-5
10 MODII HDR DRST B/A .100CL

TE Part #AFD50-12-3PN-6117
RECP ASSY

Documents

Product Drawings

6P POWER TAP ASSY W/M4 SCREW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5213816-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5213816-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5213816-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

5213816-1

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English